

## TEMPERATURE CONTROLLING DEVICE FOR AEROSOL DRUG DELIVERY

### ABSTRACT OF THE DISCLOSURE

5 A portable air temperature controlling device useful for warming air surrounding an aerosolized drug formulation is described. Warming the air of an aerosol makes it possible to reduce the size of aerosol particles produced by an aerosol generation device. Additionally, warming the air forces the size of the aerosol particles to be in the range required for systemic drug delivery independent of ambient conditions. Smaller particles can be more precisely targeted to different areas of the respiratory tract.

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